

### Abstract

(1*S*, 3*S*)-3-Amino-4-difluoromethylene-1-cyclopentanoic acid illustrates a novel class of compounds as potent irreversible inhibitors of  $\gamma$ -aminobutyric acid aminotransferase (GABA-AT). The corresponding monofluoro-substituted compounds also are potent time-dependent inhibitors of GABA-AT.